

## **TITLE V PERMIT TO OPERATE**

**Permit No. SR-OP 03-01**

In accordance with the provisions of Title V of the Clean Air Act and 40 C.F.R. Part 71 and applicable rules and regulations,

Salt River Materials Group  
Salt River Sand & Rock

is authorized to operate air emission units listed herein and to conduct other air pollutant emitting activities in accordance with the permit conditions listed in this permit. Terms and conditions not otherwise defined in this permit have the meaning assigned to them in the referenced regulations. All terms and conditions of the permit are enforceable by EPA and citizens under the Clean Air Act.

If all proposed control measures and/or equipment are not installed and properly operated and maintained, this will be considered a violation of the permit.

This permit is valid for a period of five (5) years and shall expire at midnight on the date five years after the date of issuance unless a timely and complete renewal application has been submitted at least 6 months but not more than 18 months prior to the date of expiration. The permit number cited above should be referenced in future correspondence regarding this facility.

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Date

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Deborah Jordan  
Director, Air Division  
EPA Region IX

## Abbreviations and Acronyms

AFS	AIRS Facility Subsystem
AIRS	Aerometric Information Retrieval System
AR	Acid Rain
ARP	Acid Rain Program
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAM	Compliance Assurance Monitoring
C.F.R.	Code of Federal Regulations
EIP	Economic Incentives Program
gal	gallon
HAP	Hazardous Air Pollutant
hr	hour
Id. No.	Identification Number
J	joule
kg	kilogram
lb	pound
MACT	Maximum Achievable Control Technology
MVAC	Motor Vehicle Air Conditioner
Mg	megagram
MMBtu	million British Thermal Units
mo	month
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO <sub>x</sub>	Nitrogen Oxides
NSPS	New Source Performance Standards
NSR	New Source Review
PM	Particulate Matter
PM-10	Particulate matter less than 10 microns in diameter
ppm	parts per million
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
psia	pounds per square inch absolute
RMP	Risk Management Plan
SNAP	Significant New Alternatives Program
SO <sub>2</sub>	Sulfur Dioxide
SSM	Startup, Shutdown, and Malfunction
TSP	Total Suspended Particulate
US EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compounds

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## **I. Source Identification**

Parent Company name: Salt River Materials Group

Parent Company Mailing Address: 8800 E. Chapparal Rd.

City: Scottsdale                      State: AZ              Zip: 85250

Plant Name: Salt River Sand & Rock

Plant Location: Dobson, Beeline, and Higley facilities in Salt River Pima-Maricopa Indian Community

City: Scottsdale              State: AZ

County: Maricopa

EPA Region: 9

Reservation: Salt River Pima-Maricopa Indian Community

Tribe: Onk Akimel Au-Authm (Pima) and Xalchidom Pii-pash (Maricopa)

Company Contact: James Silversmith                      Phone: (480) 990-1987

Plant Manager/Contact: same                      Phone: same

Responsible Official: Roger R. Smith                      Phone: (480) 850-5757

SIC Code: 1442

AFS Plant Identification Number: 04-013-SAL20

Description of Process: crushing and screening, material handling, diesel-fired generators

## II. Requirements for Specific Emission Units

### II.A. Emission Limits

1. The actual ton per year emissions from the entire facility, including generator engine startups and shutdowns, shall not exceed 237 tons per year of NO<sub>x</sub>, based on a 12-month rolling average. [CAA 304(f), 40 C.F.R. § 71.6(b)]
2. The permittee shall not cause to be discharged into the atmosphere any fugitive emissions that exhibit greater than 10 percent opacity from any conveyor, including associated transfer points, at the following plants [40 C.F.R. § 60.672(b)]:

Beeline Plant

Crusher 1, Crusher 17, Wash Plant 11

Dobson Plant

Crusher 8, Wash Plant 1, Wash Plant 10, Wash Plant 12 (except exempt conveyor 21-123), Asphalt Screening Plant

Higley Plant

Crusher 3 (except exempt conveyor 24-103), Wash Plant 3 (except exempt stacker/conveyor 21-137), Crusher 16, MA Plant 23-200 (Barmac crusher)

3. The permittee shall not cause to be discharged into the atmosphere fugitive emissions that exhibit greater than 15 percent opacity from any crusher at the following plants [40 C.F.R. § 60.672(c)]:

Beeline Plant

Crusher 17, Crusher 1

Dobson Plant

Crusher 8

Higley Plant

Crusher 16, MA Plant 23-200 (Barmac crusher)

4. The permittee shall not cause to be discharged into the atmosphere any fugitive emissions that exhibit greater than 10 percent opacity from any screen at the Beeline, Dobson, and Higley plants. [40 C.F.R. § 60.672(b)]
5. The Permittee shall not cause to be discharged into the atmosphere any visible emissions from wet screening operations and subsequent screening operations and belt conveyors that process saturated material in the production line up to the next crusher or storage bin. [40 C.F.R. § 60.672(h)(1)]

6. All material exiting Wash Plants 1, 2, 3 10, 11, 12 shall be saturated with water at all times the equipment is operating. [40 C.F.R. 71.6(a)(3)(i)(B) and (C), 71.6(c)(1)]

## **II.B. Work Practice and Operational Requirements**

1. The permittee shall install, operate and properly maintain dedicated non-resettable elapsed-time meters on each generator engine listed in this permit to record the total number of hours that each engine operates. [CAA § 304(f), 40 C.F.R. § 71.6(b)]
2. The permittee shall conduct periodic maintenance of Emission Units 52-142 and 52-147, as recommended by the engine and control equipment manufacturers or as specified by any other maintenance procedure approved in writing by the Administrator. Periodic maintenance for each device shall be conducted at least twice each calendar year. [CAA 304(f), 40 C.F.R. § 71.6(b)]
3. The permittee shall conduct periodic maintenance of the emission units listed in Condition II.B.2. (except Emission Unit 52-147) as recommended by the engine and control equipment manufacturers or as specified by any other maintenance procedure approved in writing by the Administrator. Periodic maintenance for each device shall be conducted at least once each calendar year. [CAA 304(f), 40 C.F.R. § 71.6(b)]

## **II.C. Monitoring and Testing Requirements**

1. The Permittee shall conduct a monthly visual emission survey of each plant (crusher, screen, belt conveyor, and associated transfer points) listed in conditions II.A.2 through II.A.4. The monthly survey shall be conducted while the equipment is operating, and during daylight hours, by a person certified in EPA Method 9 (Visual Determination of the Opacity of Emissions from Stationary Sources). If any visible emissions are observed, the Permittee shall conduct a six minute EPA Method 9 opacity observation within 24 hours while the equipment is operating. [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C), 71.6(c)(1)]
2. The Permittee shall conduct a six minute EPA Method 9 opacity observation of each plant (crusher, screen, belt conveyor, and associated transfer points) listed in Conditions II.A.2 through II.A.4 at least once per year while the equipment is operating. If opacity readings exceed the allowable limits, the Method 9 test shall be continued for a period of 60 minutes. [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C), 71.6(c)(1)]
3. When conducting Method 9 observations to verify compliance with NSPS Subpart OOO opacity limits, the permittee may conduct the observations in

accordance with EPA's memorandum "Alternative Testing Procedure for Application of Method 9 to Multiple Emission Points Under 40 CFR 60, Subparts LL and OOO," dated April 20, 1999. A single visible emissions observer may conduct visible emissions observations for up to three Subpart OOO fugitive emission points within a 15-second interval. Use of this alternative procedure is subject to the following limitations [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C), 71.6(c)(1)]:

- a. No more than three emission points may be read concurrently.
  - b. All three emission points must be within a 70° viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.
  - c. If an opacity reading for any one of the three emission points is within 5 percent opacity of the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.
4. The Permittee shall conduct a monthly observation of all water sprays to verify that the spray heads are not clogged and that they are otherwise operating as designed. If any water spray is not operating as designed, the Permittee shall take corrective action within 24 hours (or on the next weekday, if a problem is observed during a weekend or holiday) to repair, replace, or modify the spray. [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C), 71.6(c)(1)]
  5. Within one year of the effective date of this permit and annually thereafter, the permittee shall conduct or cause to be conducted performance tests (as described in 40 C.F.R. § 60.8) for NO<sub>x</sub> on the exhaust of the Caterpillar model 3508 generator engine (Emission Unit 52-142) and the Caterpillar model 3412 generator engine rated at 1108 BHP (Emission Unit 52-147). The performance tests shall be conducted to determine the current emission rate for each engine. The tests for NO<sub>x</sub> shall be conducted at no less than 80% of the maximum operating capacity of the engine being tested. [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C); 71.6(a)(3)(ii); 71.6(c)(1)]
  6. During the five year permit term, the permittee shall conduct or cause to be conducted annual performance tests (as described in 40 C.F.R. § 60.8) for NO<sub>x</sub> on the exhaust of one generator engine from both Group 1 and 2 listed below.

<u>Group 1</u>	<u>Group 2</u>
52-137	52-121
52-139	52-421
	52-101

The permittee shall test a different engine from each group annually until all engines have been tested. The next engine to be tested from each Group shall be the one with the oldest previous source test results.

The performance tests shall be conducted to determine the current emission rate for each engine. The tests for NO<sub>x</sub> shall be conducted at no less than 80% of the maximum operating capacity of the engine being tested. [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C); 71.6(a)(3)(ii); 71.6(c)(1)]

7. Once per five year permit term, and at such other times as specified by EPA, the permittee shall conduct or cause to be conducted performance tests (as described in 40 C.F.R. § 60.8) for NO<sub>x</sub> on the exhaust of the Caterpillar model 3304 generator engine (Emission Unit 52-154) and the Multi Quip Model 5D16T generator engine (Emission Unit 52-125). The performance tests shall be conducted to determine the current emission rate for each engine. The tests for NO<sub>x</sub> shall be conducted at the no less than 80% of the maximum operating capacity of the engine being tested. [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C); 71.6(a)(3)(ii); 71.6(c)(1)]

## II.D. Recordkeeping Requirements

1. The permittee shall calculate the annual emissions from all engines listed in Appendix A on a 12-month rolling basis. The following equations shall be used to calculate aggregate emissions for each month and each 12 consecutive calendar months (12-month period).

Equation #1:

$$ME_{NO_x} = \sum_{i=1}^9 EF_i * HRS_i$$

Where:

ME<sub>NO<sub>x</sub></sub> = aggregate NO<sub>x</sub> emissions during the month for all engines;  
i = an index that labels individual engines;  
EF<sub>i</sub> = NO<sub>x</sub> emission factor for the i'th engine (lb/hr); and  
HRS<sub>i</sub> = hours of operation for the i'th engine during the month

Equation #2:

$$AE_{NO_x} = \sum_{i=1}^{12} ME_{NO_x i}$$

Where:



$AE_{NO_x}$  = aggregate  $NO_x$  emissions for the 12-month period;  
 $i$  = an index that labels individual months in the 12-month period;  
 and  
 $ME_{NO_{xi}}$  = aggregate  $NO_x$  emissions during the  $i$ 'th month for all engines

2. The permittee shall use the emission factors determined by the most recent performance test results for each engine, or the emission factors listed below if no performance test data is available, to calculate aggregate 12-month  $NO_x$  emissions as specified in Condition II.D.1.

Engine ID	$NO_x$ lb/hr
52-154	3.87
52-137	13.71
52-121	13.61
52-139	13.71
52-421	13.71
52-147	17.53
52-101	13.61
52-142	28.68
52-125	5.08

3. The permittee shall perform the rolling 12-month emission calculation by the end of the first week of each month, and shall maintain all records and calculations used to demonstrate compliance at the Facility.
4. The permittee shall maintain an operating log for all generator engines at the facility. The log shall be updated monthly by the end of the first week of each month and include the emission unit ID numbers, the number of hours each generator engine operated during the previous month. [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C); 71.6(a)(3)(ii); 71.6(c)(1)]
5. For each visible emission survey or EPA Method 9 opacity observation, the Permittee shall record and maintain the following records [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C), 71.6(c)(1)]:
  - a. the date and time of the observation, and the name of the observer;
  - b. the unit ID number;
  - c. statement of whether visible emissions were detected, and if so, whether they were observed continuously or intermittently;
  - d. result of Method 9 observation, if required;
  - e. statement of whether Method 9 observation was triggered by observation of visible emissions or by Condition II.C.2.
6. For each water spray observation, the Permittee shall record and maintain the following records. [40 C.F.R. §§ 71.6(a)(3)(i)(B) and (C), 71.6(c)(1)]:

- a. the date and time of the observation, and the name of the observer
- b. the control device ID number
- c. whether the sprays were operating as designed
- d. description of any corrective actions taken

### **III. Facility-Wide or Generic Permit Requirements**

Conditions in this section of the permit (Section III) apply to all emissions units located at the facility.[See 40 C.F.R. § 71.6(a)(1)]

#### **III.A. Testing Requirements [40 C.F.R. § 71.6(a)(3)]**

In addition to the unit specific testing requirements derived from the applicable requirements for each individual unit contained in Section II of this permit, the permittee shall comply with the following generally applicable testing requirements as necessary to ensure that the required tests are sufficient for compliance purposes:

1. Submit to EPA a source test plan 45 days prior to any required testing. The source test plan shall include and address the following elements:
  - 1.0 Purpose of the test
  - 2.0 Source Description and Mode of Operation During Test
  - 3.0 Scope of Work Planned for Test
  - 4.0 Schedule/Dates
  - 5.0 Process Data to be Collected During Test
  - 6.0 Sampling and Analysis Procedures
    - 6.1 Sampling Locations
    - 6.2 Test Methods
    - 6.3 Analysis Procedures and Laboratory Identification
  - 7.0 Quality Assurance Plan
    - 7.1 Calibration Procedures and Frequency
    - 7.2 Sample Recovery and Field Documentation
    - 7.3 Chain of Custody Procedures
    - 7.4 QA/QC Project Flow Chart
  - 8.0 Data Processing and Reporting
    - 8.1 Description of Data Handling and QC Procedures
    - 8.2 Report Content
2. Unless otherwise specified by an applicable requirement or permit condition in Section II, all source tests shall be performed at maximum operating rates (90% to 110% of device design capacity).
3. Only regular operating staff may adjust the processes or emission control device parameters during a compliance source test. No adjustments are to be made

within two (2) hours of the start of the tests. Any operating adjustments made during a source test, that are a result of consultation during the tests with source testing personnel, equipment vendors, or consultants, may render the source test invalid.

4. During each test run and for two (2) hours prior to the test and two (2) hours after the completion of the test, the permittee shall record the following information:
  - a. Fuel characteristics and/or amount of product processed (if applicable).
  - b. Visible emissions.
  - c. All parametric data which is required to be monitored in Section II for the emission unit being tested.
  - d. Other source specific data identified in Section II such as minimum test length (e.g., one hour, 8 hours, 24 hours, etc.), minimum sample volume, other operating conditions to be monitored, correction of O<sub>2</sub>, etc.
5. Each source test shall consist of at least three (3) valid test runs and the emissions results shall be reported as the arithmetic average of all valid test runs and in the terms of the emission limit. There must be at least 3 valid test runs, unless otherwise specified.
6. Source test reports shall be submitted to EPA within 60 days of completing any required source test.

### **III.B. Recordkeeping Requirements [40 C.F.R. § 71.6 (a)(3)(ii)]**

In addition to the unit specific recordkeeping requirements derived from the applicable requirements for each individual unit and contained in Section II, the permittee shall comply with the following generally applicable recordkeeping requirements:

1. The permittee shall keep records of required monitoring information that include the following:
  - a. The date, place, and time of sampling or measurements;
  - b. The date(s) analyses were performed;
  - c. The company or entity that performed the analyses;
  - d. The analytical techniques or methods used;
  - e. The results of such analyses; and

- f. The operating conditions as existing at the time of sampling or measurement.
- 2. The permittee shall retain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

### **III.C. Reporting Requirements**

- 1. The permittee shall submit to EPA Region 9 reports of any monitoring required under § 71.6(a)(3)(i)(A), (B), or (C) each six month reporting period from January 1 to June 30 and from July 1 to December 31, except that the first reporting period shall begin on the effective date of this permit and end on December 31, 2006. All reports shall be submitted to EPA and shall be postmarked by the 30th day following the end of the reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official consistent with Condition IV.E. [40 C.F.R. § 71.6 (a)(3)(iii)]
  - a. A monitoring report under this section must include the following:
    - (1) The company name and address,
    - (2) The beginning and ending dates of the reporting period,
    - (3) The emissions unit or activity being monitored
    - (4) The emissions limitation or standard, including operational requirements and limitations (such as parameter ranges), specified in the permit for which compliance is being monitored.
    - (5) All instances of deviations from permit requirements, including those attributable to upset conditions as defined in the permit and including excursions or exceedances as defined under 40 C.F.R. part 64, and the date on which each deviation occurred.
    - (6) If the permit requires continuous monitoring of an emissions limit or parameter range, the report must include the total operating time of the emissions unit during the reporting period, the total duration of excess emissions or parameter exceedances during the reporting

period, and the total downtime of the continuous monitoring system during the reporting period.

(7) If the permit requires periodic monitoring, visual observations, work practice checks, or similar monitoring, the report shall include the total time when such monitoring was not performed during the reporting period and at the source's discretion either the total duration of deviations indicated by such monitoring or the actual records of deviations.

(8) All other monitoring results, data, or analyses required to be reported by the applicable requirement.

(9) The name, title, and signature of the responsible official who is certifying to the truth, accuracy, and completeness of the report.

b. Any report required by an applicable requirement that provides the same information described in paragraph III.C.1.a(1) through (9) above shall satisfy the requirement under III.C.1.a. [40 C.F.R. § 71.6 (a)(3)(iii)]

c. "Deviation," means any situation in which an emissions unit fails to meet a permit term or condition. A deviation is not always a violation. A deviation can be determined by observation or through review of data obtained from any testing, monitoring, or record keeping established in accordance with § 71.6(a)(3)(i) and (a)(3)(ii). For a situation lasting more than 24 hours, each 24-hour period is considered a separate deviation. Included in the meaning of deviation are any of the following [40 C.F.R. § 71.6 (a)(3)(iii)]:

(1) A situation when emissions exceed an emission limitation or standard;

(2) A situation when there is an excursion of a process or control device;

(3) A situation in which observations or data collected demonstrate noncompliance with an emission limitation or standard or any work practice or operating condition required by the permit.

(4) A situation in which an exceedance or an excursion, as defined in the compliance assurance plan (40 C.F.R. Part 64), occurs.

2. The permittee shall promptly report to the EPA Regional Office deviations from permit or start-up, shut-down malfunction plan requirements, including those attributable to upset conditions as defined in this permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. "Prompt" is defined as follows [40 C.F.R. § 71.6 (a)(3)(iii)]

- a. Any definition of “prompt” or a specific timeframe for reporting deviations provided in an underlying applicable requirement as identified in this permit;
- b. Where the underlying applicable requirement does not define prompt or provide a timeframe for reporting deviations, reports of deviations will be submitted based on the following schedule:
  - (1) For emissions of a hazardous air pollutant or a toxic air pollutant(as identified in the applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
  - (2) For emissions of any regulated pollutant excluding a hazardous air pollutant or a toxic air pollutant that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
  - (3) For all other deviations from permit requirements, the report shall be submitted with the semi-annual monitoring report required in paragraph III.C.1.a of this permit.
3. If any of the Conditions in III.C.2.b of this permit are met, the source must notify EPA Region 9 by telephone, facsimile, or electronic mail sent to r9.aeo@epa.gov, based on the timetable listed. A written notice, certified consistent with paragraph III.C.4 of this permit section must be submitted within 10 working days of the occurrence. All deviations reported under this section must also be identified in the 6-month report required under paragraph III.C.1 of this section. [40 C.F.R. § 71.6 (a)(3)(iii)]
4. Any application form, report, or compliance certification required to be submitted by this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. [40 C.F.R. § 71.5 (d)]

#### **III.D. NSPS General Provisions**

1. All requests, reports, applications, submittals, and other communications to the Administrator pursuant to 40 C.F.R. Part 60 shall be submitted in duplicate to the EPA Region 9 office at the following address [40 C.F.R. § 60.4(a)]:

Director, Air Division (Attn: AIR-1)

EPA Region IX  
75 Hawthorne Street  
San Francisco, CA 94105

2. The permittee shall provide written notification to EPA of any reconstruction of an affected facility, or any physical or operational change to an affected facility which may increase the emission rate of any air pollutant to which a standard applies, in accordance with 40 C.F.R. 60.7 [40 C.F.R. § 60.7(a)]
3. Any owner or operator subject to the provisions of this part shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. [40 C.F.R. § 60.7(b)]
4. The permittee shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 C.F.R. 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least five years following the date of such measurements, maintenance, reports and records. [40 C.F.R. § 71.6(a)(3)(ii), 40 C.F.R. § 60.7(f)]
5. The availability to the public of information provided to, or otherwise obtained by, the EPA Administrator under this permit shall be governed by 40 C.F.R. Part 2. (Information submitted voluntarily to the Administrator for the purposes of compliance with 40 C.F.R. 60.5 and 60.6 is governed by 40 C.F.R. 2.201 through 2.213 and not by 40 C.F.R. 2.301.) [40 C.F.R. § 60.9]
6. Compliance with the opacity standards listed in Conditions II.A.2, II.A.3., and II.A.4. of this permit shall be determined by conducting observations in accordance with Reference Method 9 in appendix A of 40 C.F.R. Part 60, any alternative method that is approved by the Administrator, or as provided in paragraph 40 C.F.R. § 60.11(e)(5). [40 C.F.R. § 60.11(b)]
7. The opacity standards in Conditions II.A.2, II.A.3, and II.A.4 shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in 40 C.F.R. Part 60, Subpart OOO. [40 C.F.R. § 60.11(c)]
8. At all times, including periods of startup, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate this facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of

whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. [40 C.F.R. § 60.11(d)]

9. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in 40 C.F.R. Part 60, nothing shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. [40 C.F.R. § 60.11(g)]
10. No owner or operator subject to the provisions 40 C.F.R. Part 60 shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere. [40 C.F.R. § 60.12]
11. With respect to compliance with all New Source Performance Standards (NSPS) of 40 C.F.R. Part 60, the permittee shall comply with the “General notification and reporting requirements” found in 40 C.F.R. 60.19. [40 C.F.R. § 60.19]

#### **IV. Title V Administrative Requirements**

##### **IV.A. Fee Payment** [40 C.F.R. § 71.6(a)(7) and 40 C.F.R. § 71.9]

1. The permittee shall pay an annual permit fee in accordance with the procedures outlined below. [See 40 C.F.R. § 71.9(a).]
2. The permittee shall pay the annual permit fee by August 28 of each year.
3. The fee payment shall be in United States currency and shall be paid by money order, bank draft, certified check, corporate check, or electronic funds transfer payable to the order of the U.S. Environmental Protection Agency.
4. The permittee shall send fee payment and a completed fee filing form to:

Mellon Bank  
U.S. EPA Region 9  
P.O. Box 360863M  
Pittsburgh, PA 15251



In addition, the permittee shall send a copy of the check and the fee calculation worksheet to EPA Region 9 at this address:

EPA Region 9  
Air Permits Office (Attn: AIR-3)  
75 Hawthorne Street  
San Francisco, CA 94105

5. The permittee shall send an updated fee calculation worksheet form and a photocopy of each fee payment check (or other confirmation of actual fee paid) submitted annually by the same deadline as required for fee payment to the address listed in Section IV.E of this permit. [Permittees should note that an annual emissions report, required at the same time as the fee calculation worksheet by § 71.9(h), has been incorporated into the fee calculation worksheet form as a convenience.]
6. Basis for calculating annual fee:
  - a. The annual emissions fee shall be calculated by multiplying the total tons of actual emissions of all “regulated pollutants (for fee calculation)” emitted from the source by the presumptive emissions fee (in dollars/ton) in effect at the time of calculation.
    - (1) “Actual emissions” means the actual rate of emissions in tpy of any regulated pollutant (for fee calculation) emitted from a Part 71 source over the preceding calendar year. Actual emissions shall be calculated using each emissions unit’s actual operating hours, production rates, in-place control equipment, and types of materials processed, stored, or combusted during the preceding calendar year. [40 C.F.R. § 71.9(c)(6).]
    - (2) Actual emissions shall be computed using methods required by the permit for determining compliance, such as monitoring or source testing data. [40 C.F.R. § 71.9(h)(3).]
    - (3) If actual emissions cannot be determined using the compliance methods in the permit, the permittee shall use other federally recognized procedures. [40 C.F.R. § 71.9(e)(2).]
    - (4) The term “regulated pollutant (for fee calculation)” is defined in § 71.2.
    - (5) The permittee should note that the presumptive fee amount is revised each calendar year to account for inflation, and it is available from EPA prior to the start of each calendar year.

- b. The permittee shall exclude the following emissions from the calculation of fees:
  - (1) The amount of actual emissions of each regulated pollutant (for fee calculation) that the source emits in excess of 4,000 tons per year. [40 C.F.R. § 71.9(c)(5)(i)];
  - (2) Actual emissions of any regulated pollutant (for fee calculation) already included in the fee calculation,[ 40 C.F.R. § 71.9(c)(5)(ii); and
  - (3) The quantity of actual emissions (for fee calculation) of insignificant activities [defined in § 71.5(c)(11)(i)] or of insignificant emissions levels from emissions units identified in the permittee's application [40 C.F.R. § 71.5(c)(11)(ii), § 71.9(c)(5)(iii).]
- 7. Fee calculation worksheets shall be certified as to truth, accuracy, and completeness by a responsible official. [Permittees should note that the fee calculation worksheet form already incorporates a section to help you meet this responsibility.]
- 8. The permittee shall retain fee calculation worksheets and other emissions-related data used to determine fee payment for five years following submittal of fee payment. Emission-related data include, for example, emissions-related forms provided by EPA and used by the permittee for fee calculation purposes, emissions-related spreadsheets, and emissions-related data, such as records of emissions monitoring data and related support information required to be kept in accordance with § 71.6(a)(3)(ii). [40 C.F.R. § 71.9(i).]
- 9. Failure of the permittee to pay fees in a timely manner shall subject the permittee to assessment of penalties and interest in accordance with § 71.9(l).
- 10. When notified by EPA of underpayment of fees, the permittee shall remit full payment within 30 days of receipt of notification. [40 C.F.R. § 71.9(j)(1) and (2).]
- 11. A permittee who thinks an EPA assessed fee is in error and who wishes to challenge such fee, shall provide a written explanation of the alleged error to EPA along with full payment of the EPA assessed fee. [40 C.F.R. § 71.9(j)(3).]

**IV.B. Blanket Compliance Statement** [40 C.F.R. § 71.6(a)(6)(i) and (ii), and Sections 113(a) and 113(e)(1) of the Act, and 40 C.F.R. § 51.212, § 52.12, § 52.33, § 60.11(g), and § 61.12.]

- 1. The permittee must comply with all conditions of this Part 71 permit. Any permit noncompliance, including, but not limited to, violation of any applicable

requirement; any permit term or condition; any fee or filing requirement; any duty to allow or carry out inspection, entry, or monitoring activities; or any regulation or order issued by the permitting authority pursuant to this part constitutes a violation of the Clean Air Act and is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [40 C.F.R. §§ 71.6(a)(6)(i) and (ii)]

2. Determinations of deviations, continuous or intermittent compliance status, or violations of this permit, are not limited to the applicable testing or monitoring methods required by the underlying regulations or this permit; other credible evidence (including any evidence admissible under the Federal Rules of Evidence) must be considered in such determinations. [Section 113(a) and 113(e)(1) of the Act, § 51.212, § 52.12, § 52.33, § 60.11(g), and § 61.12.]

#### **IV.C. Compliance Certifications [40 C.F.R. § 71.6(c)(5)]**

1. The permittee shall submit to EPA Region 9 a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, postmarked by January 30 of each year and covering the previous calendar year, except that the first certification shall cover the period from the effective date of this permit through December 31, 2006. The compliance certification shall be certified as to truth, accuracy, and completeness by the permit-designated responsible official consistent with Condition IV.E. of this permit and 40 C.F.R. § 71.5(d). [40 C.F.R. § 71.6(c)(5)]
2. The certification shall include the following:
  - a. Identification of each permit term or condition that is the basis of the certification.
  - b. Identification of the method(s) or other means used for determining the compliance status of each term and condition during the certification period, and whether such methods or other means provide continuous or intermittent data. If necessary, the owner or operator also shall identify any other material information that must be included in the certification to comply with section 113(c)(2) of the Clean Air Act, which prohibits knowingly making a false certification or omitting material information.
  - c. The compliance status of each term and condition of the permit for the period covered by the certification based on the method or means designated above. The certification shall identify each deviation and take it into account in the compliance certification.

- d. Whether compliance with each permit term was continuous or intermittent.

**IV.D. Duty to Provide and Supplement Information** [40 C.F.R. § 71.6(a)(6)(v), 40 C.F.R. § 71.5(b)]

The permittee shall furnish to EPA, within a reasonable time, any information that EPA may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the EPA copies of records that are required to be kept pursuant to the terms of the permit, including information claimed to be confidential. Information claimed to be confidential should be accompanied by a claim of confidentiality according to the provisions of 40 C.F.R. Part 2, Subpart B. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the facility after this permit is issued.

**IV.E. Submissions** [40 C.F.R. § 71.5(d), C.F.R. § 71.6 and 40 C.F.R. § 71.9]

Any document required to be submitted with this permit shall be certified by a responsible official as to truth, accuracy, and completeness. Such certifications shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. All documents required to be submitted, including reports, test data, monitoring data, notifications, compliance certifications, fee calculation worksheets, and applications for renewals and permit modifications shall be submitted to:

EPA Region IX (Attn: AIR-1)  
75 Hawthorne Street  
San Francisco, CA 94105

**IV.F. Severability Clause** [40 C.F.R. §71.6(a)(5)]

The provisions of this permit are severable, and in the event of any challenge to any portion of this permit, or if any portion is held invalid, the remaining permit conditions shall remain valid and in force.

**IV.G. Permit Actions** [40 C.F.R. § 71.6(a)(6)(iii)]

This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or

termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

#### **IV.H. Reopening for Cause** [40 C.F.R. § 71.7(f)]

1. EPA shall reopen and revise the permit prior to expiration under any of the following circumstances:
  - a. Additional applicable requirements under the Act become applicable to a major part 71 source with a remaining permit term of 3 or more years.
  - b. Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
  - c. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
  - d. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

#### **IV.I. Property Rights** [40 C.F.R. § 71.6(a)(6)(iv)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

#### **IV.J. Inspection and Entry** [40 C.F.R. § 71.6(c)(2)]

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized representatives from EPA to perform the following:

1. Enter upon the permittee's premises where a Part 71 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

4. As authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

#### **IV.K. Emergency Provisions [40 C.F.R. § 71.6(g)]**

- 1 In addition to any emergency or upset provision contained in any applicable requirement, the permittee may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency. To do so, the permittee shall demonstrate the affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that:
  - a. an emergency occurred and that the permittee can identify the cause(s) of the emergency;
  - b. the permitted facility was at the time being properly operated;
  - c. during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements in this permit; and
  - d. the permittee submitted notice of the emergency to EPA within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken. This notice fulfills the requirements of Condition III.C.2 of this permit.
  - e. In any enforcement proceeding the permittee attempting to establish the occurrence of an emergency has the burden of proof.
2. An “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

#### **IV.L. Transfer of Ownership or Operation [40 C.F.R. § 71.7(d)(1)(iv)]**

A change in ownership or operational control of this facility may be treated as an administrative permit amendment if the EPA determines no other change in this permit is necessary and provided that a written agreement containing a specific date for transfer of permit

responsibility, coverage, and liability between the current and new permittee has been submitted to EPA.

#### **IV.M. Off Permit Changes** [40 C.F.R. §71.6(a)(12)]

The permittee is allowed to make certain changes without a permit revision, provided that the following requirements are met:

1. Each change is not addressed or prohibited by this permit.
2. Each change must comply with all applicable requirements and may not violate any existing permit term or condition;
3. Changes under this provision may not include changes or activities subject to any requirement under Title IV or that are modifications under any provision of Title I of the Clean Air Act;
4. The permittee must provide contemporaneous written notice to EPA of each change, except for changes that qualify as insignificant activities under §71.5(c)(11). The written notice must describe each change, the date of the change, any change in emissions, pollutants emitted, and any applicable requirements that would apply as a result of the change.
5. The permit shield does not apply to changes made under this provision;
6. The permittee must keep a record describing all changes that result in emissions of any regulated air pollutant subject to any applicable requirement not otherwise regulated under this permit, and the emissions resulting from those changes.

#### **IV.N. Permit Expiration and Renewal** [40 C.F.R. § 71.5(a)(1)(iii), 40 C.F.R. § 71.6(a)(11), 40 C.F.R. § 71.7(b), 40 C.F.R. § 71.7(c)(1)(i) and (ii), 40 C.F.R. § 71.8(d)]

1. This permit shall expire upon the earlier occurrence of the following events:
  - a. up to twelve (12) years elapses from the date of issuance to a solid waste incineration unit combusting municipal waste subject to standards under section 129 of the Clean Air Act; or
  - b. for sources other than those identified in subparagraph IV.N.1.a above, five (5) years elapses from the date of issuance; or
  - c. the source is issued a part 70 permit by an EPA-approved permitting authority.

2. Expiration of this permit terminates the permittee's right to operate unless a timely and complete permit renewal application has been submitted on or before a date 6 months, but not more than 18 months, prior to the date of expiration of this permit.
3. If the permittee submits a timely and complete permit application for renewal, consistent with § 71.5(a)(2), but the permitting authority has failed to issue or deny the renewal permit, then the permit shall not expire until the renewal permit has been issued or denied and any permit shield granted pursuant to § 71.6(f) may extend beyond the original permit term until renewal.
4. The permittee's failure to have a Part 71 permit is not a violation of this part until EPA takes final action on the permit renewal application. This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit any additional information identified as being needed to process the application by the deadline specified in writing by EPA.
5. Renewal of this permit is subject to the same procedural requirements that apply to initial permit issuance, including those for public participation, affected State, and tribal review.
6. The application for renewal shall include the current permit number, description of permit revisions and off-permit changes that occurred during the permit term, any applicable requirements that were promulgated and not incorporated into the permit during the permit term, and other information required by the application form.

#### **IV.O Administrative Permit Amendments [40 C.F.R. § 71.7(d)]**

1. The permittee may request the use of administrative permit amendment procedures for a permit revision that:
  - a. Corrects typographical errors.
  - b. Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source.
  - c. Requires more frequent monitoring or reporting by the permittee.
  - d. Allows for a change in ownership or operational control of a source where the EPA determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the EPA.



- e. Incorporates into the part 71 permit the requirements from preconstruction review permits authorized under an EPA-approved program, provided that such a program meets procedural requirements substantially equivalent to the requirements of §§ 71.7 and 71.8 that would be applicable to the change if it were subject to review as a permit modification, and compliance requirements substantially equivalent to those contained in § 71.6.
- f. Incorporates any other type of change which EPA has determined to be similar to those listed above in subparagraphs (i) through (v).

**IV.P. Minor Permit Modifications** [40 C.F.R. § 71.7(e)(1)]

- 1. The permittee may request the use of minor permit modification procedures only for those modifications that:
  - a. Do not violate any applicable requirement.
  - b. Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit.
  - c. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis.
  - d. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
    - (1) A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of title I; and
    - (2) An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Clean Air Act.
      - (i) Are not modifications under any provision of title I of the Clean Air Act.
      - (ii) Are not required to be processed as a significant modification.

2. Notwithstanding the list of changes eligible for minor permit modification procedures in paragraph (a) above, minor permit modification procedures may be used for permit modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches, to the extent that such minor permit modification procedures are explicitly provided for in an applicable implementation plan or in applicable requirements promulgated by EPA.
3. An application requesting the use of minor permit modification procedures shall meet the requirements of § 71.5(c) and shall include the following:
  - a. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
  - b. The source's suggested draft permit;
  - c. Certification by a responsible official, consistent with § 71.5(d), that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and
  - d. Completed forms for the permitting authority to use to notify affected States as required under § 71.8.
4. The source may make the change proposed in its minor permit modification application immediately after it files such application. After the source makes the change allowed by the preceding sentence, and until the permitting authority takes any of the actions authorized by § 71.7(e)(1)(iv)(A) through (C), the source must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time period, the source need not comply with the existing permit terms and conditions it seeks to modify. However, if the source fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against it.
5. The permit shield under § 71.6(f) may not extend to minor permit modifications. [See § 71.7(e)(1)(vi)].

**IV.Q. Group Processing of Minor Permit Modifications.** [40 C.F.R. § 71.7(e)(2)]

1. Group processing of modifications by EPA may be used only for those permit modifications:
  - a. That meet the criteria for minor permit modification procedures under paragraphs IV.I. (a) of this permit; and

- b. That collectively are below the threshold level of 10 percent of the emissions allowed by the permit for the emissions unit for which the change is requested, 20 percent of the applicable definition of major source in § 71.2, or 5 tons per year, whichever is least.
- 2. An application requesting the use of group processing procedures shall be submitted to EPA, shall meet the requirements of § 71.5(c), and shall include the following:
  - a. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs.
  - b. The source's suggested draft permit.
  - c. Certification by a responsible official, consistent with § 71.5(d), that the proposed modification meets the criteria for use of group processing procedures and a request that such procedures be used.
  - d. A list of the source's other pending applications awaiting group processing, and a determination of whether the requested modification, aggregated with these other applications, equals or exceeds the threshold set under subparagraph (a)(ii) above.
  - e. Completed forms for the permitting authority to use to notify affected States as required under § 71.8.
- 3. The source may make the change proposed in its minor permit modification application immediately after it files such application. After the source makes the change allowed by the preceding sentence, and until the permitting authority takes any of the actions authorized by § 71.7(e)(1)(iv)(A) through (C), the source must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time period, the source need not comply with the existing permit terms and conditions it seeks to modify. However, if the source fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against it.
- 4. The permit shield under § 71.6(f) may not extend to group processing of minor permit modifications. [See § 71.7(e)(1)(vi)].

#### **IV.R. Significant Permit Modifications [40 C.F.R. § 71.7(e)(3)]**

- 1. The permittee must request the use of significant permit modification procedures for those modifications that:

- a. Do not qualify as minor permit modifications or as administrative amendments.
  - b. Are significant changes in existing monitoring permit terms or conditions.
  - c. Are relaxations of reporting or recordkeeping permit terms or conditions.
- 2. Nothing herein shall be construed to preclude the permittee from making changes consistent with part 71 that would render existing permit compliance terms and conditions irrelevant.
  - 3. Permittees must meet all requirements of part 71 for applications for significant permit modifications. For the application to be determined complete, the permittee must supply all information that is required by § 71.5(c) for permit issuance and renewal, but only that information that is related to the proposed change. [See § 71.7(e)(3)(ii) and § 71.5(a)(2).]

**IV.S. Operational Flexibility - 502(b)(10) Changes** [40 C.F.R. § 71.6(a)(13)(i)]

- 1. The permittee is allowed to make a limited class of changes under Section 502(b)(10) of the Clean Air Act within this permitted facility that contravene the specific terms of this permit without applying for a permit revision, provided the changes do not exceed the emissions allowable under this permit (whether expressed therein as a rate of emissions or in terms of total emissions) and are not Title I modifications. This class of changes does not include:
  - a. Changes that would violate applicable requirements; or
  - b. Changes that would contravene federally enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements.
- 2. The permittee is required to send a notice to EPA at least 7 days in advance of any change made under this provision. The notice must describe the change, when it will occur and any change in emissions, and identify any permit terms or conditions made inapplicable as a result of the change. The permittee shall attach each notice to its copy of this permit.
- 3. Any permit shield provided in this permit does not apply to changes made under this provision.

## Appendix A

### Emission Generating Activities

Table 1. SRSR Emission Units

Emission Unit I.D.	Unit Description	Associated Control Equipment
Electrical Generators		
52-154	Caterpillar Model 3304 diesel generator	none
52-132	Caterpillar Model 3306 diesel generator	none
52-137	Caterpillar Model 3412 diesel generator	none
52-141	Caterpillar Model 3412 diesel generator	none
52-121	Caterpillar Model 3412 diesel generator	none
52-139	Caterpillar Model 3412 diesel generator	none
52-421	Caterpillar Model 3412 diesel generator	none
52-133	Caterpillar Model 3412 diesel generator	none
52-147	Caterpillar Model 3412 diesel generator	none
52-145	Caterpillar Model 3412 diesel generator	none
52-101	Caterpillar Model 3412 diesel generator	none
52-146	Caterpillar Model 3508 diesel generator	none
52-142	Caterpillar Model 3508 diesel generator	none
52-125	Multi Quip Model 5D16T diesel generator	none
Crusher 16 Plant		
20-109	Crusher	Spray Bars
23-120	Screen	Spray Bars
22-125	Feeder	Spray Bars
21-262	Conveyor/Stacker	Spray Bars
21-295	Conveyor	Spray Bars
21-100	Conveyor	Spray Bars
21-182	Conveyor	Spray Bars
24-109	Conveyor	Spray Bars
21-229	Conveyor	Spray Bars
21-116	Conveyor/Stacker	Spray Bars
MA Plant 23-200		
23-200	Screen	Spray Bars
28-100	Crusher	Spray Bars
22-127	Feeder	Spray Bars
21-152	Conveyor	Spray Bars
21-197	Conveyor	Spray Bars
21-139	Conveyor	Spray Bars
21-138	Conveyor/Stacker	Spray Bars
21-140	Conveyor/Stacker	Spray Bars
21-142	Conveyor/Stacker	Spray Bars
21-141	Conveyor/Stacker	Spray Bars

<b>Emission Unit I.D.</b>	<b>Unit Description</b>	<b>Associated Control Equipment</b>
<b>Crusher 3 Plant</b>		
20-300	Crusher	Spray Bars
22-106	Feeder	Spray Bars
21-191	Conveyor	Spray Bars
21-131	Conveyor	Spray Bars
21-185	Conveyor	Spray Bars
21-132	Conveyor	Spray Bars
24-103	Conveyor/Stacker	Spray Bars
<b>Crusher 17 Plant</b>		
20-115	Hydrocone Crusher	Spray Bars
20-107	Cone Crusher	Spray Bars
20-106	Jaw Crusher	Spray Bars
23-106	Screen	Spray Bars
23-115	Screen	Spray Bars
22-129	Belt Feeder	none
24-130	Conveyor/Stacker	Spray Bars
21-250	Conveyor	Spray Bars
21-249	Conveyor	Spray Bars
21-277	Conveyor	Spray Bars
21-195	Conveyor	Spray Bars
21-213	Conveyor	Spray Bars
21-292	Conveyor	Spray Bars
21-252	Conveyor	Spray Bars
<b>Wash Plant 11</b>		
23-125	Screen	Spray Bars
25-116	Screw	Spray Bars
21-121	Scale Belt	Spray Bars
22-123	Tunnel Conveyor	Spray Bars
24-106	Conveyor/Stacker	Spray Bars
21-235	Conveyor	Spray Bars
21-227	Conveyor	Spray Bars
21-289	Conveyor	Spray Bars
<b>Crusher 1 Plant</b>		
20-105	Crusher	Spray Bars
22-134	Feeder	Spray Bars
21-203	Conveyor	Spray Bars
21-226	Conveyor	Spray Bars
21-151	Conveyor	Spray Bars
24-102	Conveyor/Stacker	Spray Bars
<b>Crusher 6 Plant</b>		
20-600	Crusher	Spray Bars

<b>Emission Unit I.D.</b>	<b>Unit Description</b>	<b>Associated Control Equipment</b>
22-108	Feeder	Spray Bars
21-147	Conveyor	Spray Bars
21-194	Conveyor	Spray Bars
24-123	Scale Belt	Spray Bars
21-279	Conveyor	Spray Bars
24-115	Conveyor/Stacker	Spray Bars
<b>Wash Plant 1</b>		
23-100	Screen	Spray Bars
23-122	Screen	Spray Bars
22-100	Drive Over Feeder	Spray Bars
22-115	Feed Hopper	Spray Bars
22-121	Feed Hopper	Spray Bars
22-222	Conveyor	Spray Bars
24-101	Conveyor/Stacker	Spray Bars
21-221	Conveyor	Spray Bars
21-158	Conveyor	Spray Bars
21-160	Conveyor	Spray Bars
21-159	Conveyor	Spray Bars
21-120	Conveyor	Spray Bars
25-104	Sand Screw	Spray Bars
21-224	Conveyor	Spray Bars
25-113	Sand Screw	Spray Bars
21-154	Conveyor	Spray Bars
24-120	Conveyor/Stacker	Spray Bars
21-155	Conveyor	Spray Bars
21-156	Conveyor	Spray Bars
21-157	Conveyor	Spray Bars
<b>Crusher 8</b>		
20-800	Cone Crusher	Spray Bars
22-112	VGF Feeder	Spray Bars
24-111	Conveyor/Stacker	Spray Bars
21-126	Conveyor	Spray Bars
21-125	Scale Belt	Spray Bars
24-108	Conveyor/Stacker	Spray Bars
<b>Wash Plant 10</b>		
20-101	Jaw Crusher	Spray Bars
20-116	Jaw Crusher	Spray Bars
21-163	Conveyor	Spray Bars
21-162	Conveyor	Spray Bars
23-129	Screen	Spray Bars
23-117	Screen	Spray Bars

<b>Emission Unit I.D.</b>	<b>Unit Description</b>	<b>Associated Control Equipment</b>
21-281	Conveyor	Spray Bars
21-251	Conveyor	Spray Bars
20-113	Crusher	Spray Bars
21-287	Conveyor	Spray Bars
23-124	Screen	Spray Bars
21-170	Conveyor	Spray Bars
21-171	Conveyor	Spray Bars
21-169	Conveyor	Spray Bars
24-104	Conveyor/Stacker	Spray Bars
25-111	Screw	Spray Bars
21-255	Conveyor	Spray Bars
25-115	Screw	Spray Bars
21-181	Conveyor	Spray Bars
24-138	Conveyor/Stacker	Spray Bars
21-248	Conveyor	Spray Bars
<b>Wash Plant 12</b>		
23-126	Screen	Spray Bars
22-116	Feed Hopper	Spray Bars
21-123	Conveyor	Spray Bars
25-105	Sand Screw	Spray Bars
21-206	Conveyor	Spray Bars
24-126	Conveyor/Stacker	Spray Bars
24-124	Conveyor/Stacker	Spray Bars
24-136	Conveyor/Stacker	Spray Bars
24-127	Conveyor/Stacker	Spray Bars
<b>Wash Plant 3</b>		
27-300	Wash Plant	Spray Bars
25-103	Sand Screw	Spray Bars
24-110	Conveyor/Stacker	Spray Bars
21-133	Conveyor	Spray Bars
21-137	Conveyor	Spray Bars
21-136	Conveyor	Spray Bars
21-135	Conveyor	Spray Bars
21-134	Conveyor	Spray Bars
<b>Asphalt Plant</b>		
23-132	Feeder	Spray Bars
21-111	Conveyor	Spray Bars
23-112	Screen	Spray Bars
21-110	Conveyor	Spray Bars
21-102	Conveyor	Spray Bars
21-193	Conveyor	Spray Bars



<b>Emission Unit I.D.</b>	<b>Unit Description</b>	<b>Associated Control Equipment</b>
24-107	Conveyor/Stacker	Spray Bars